

What is claimed is:

1. A color cathode ray tube comprising a vacuum envelope which includes a panel portion having a phosphor screen on an inner surface thereof, a neck portion housing an electron gun and a funnel portion connecting the panel portion and the neck portion, and a deflection yoke which is mounted on an outer portion where the neck portion is jointed to the funnel portion, wherein

the electron gun includes a cathode, a control electrode, an acceleration electrode, a focusing electrode and an anode,

the acceleration electrode includes a longitudinally elongated concave which surround an electron beam aperture on a surface thereof at the focusing electrode side, and

an electron beam aperture formed in the focusing electrode at the acceleration electrode side have a longitudinally elongated shape.

2. A color cathode ray tube according to claim 1, wherein the electron beam aperture formed in the control electrode have a laterally elongated shape.

3. A color cathode ray tube according to the claim 1, wherein electron beam apertures formed in the control electrode have a longitudinally elongated shape.

4. A color cathode ray tube comprising a vacuum envelope which includes a panel portion having a phosphor screen on an inner surface thereof, a neck portion housing an electron gun and a funnel portion connecting the panel portion and the neck

portion, and a deflection yoke which is mounted on an outer portion where the neck portion is jointed to the funnel portion, wherein the electron gun includes a cathode, a control electrode, an acceleration electrode, a focusing electrode and an anode, the focusing electrode includes a first focusing electrode, a second focusing electrode and a third focusing electrode, and a main focusing lens is formed between the third focusing electrode and the anode,

the acceleration electrode includes longitudinally elongated concave which surround an electron beam aperture in a surface thereof at the first focusing electrode side, and an electron beam aperture formed in the first focusing electrode at the acceleration electrode side have a longitudinally elongated shape.

5. A color cathode ray tube according to claim 4, wherein the acceleration electrode includes longitudinally elongated concave which surround an electron beam aperture in a surface thereof at the first focusing electrode side, and

the first focusing electrode has longitudinally elongated concave which surround an electron beam aperture in a surface thereof at the acceleration electrode side.

6. A color cathode ray tube according to claim 4, wherein the electron beam aperture formed in the control electrode is formed in a laterally elongated shape having a long axis in the horizontal direction.

7. A color cathode ray tube according to claim 4, wherein the electron beam aperture formed in the control electrode is formed in a longitudinally elongated shape having a long axis in the vertical direction.

8. A color cathode ray tube according to claim 5, wherein the electron beam aperture formed in the control electrode is formed in a laterally elongated shape having a long axis in the horizontal direction.

9. A color cathode ray tube according to claim 5, wherein the electron beam aperture formed in the control electrode is formed in a longitudinally elongated shape having a long axis in the vertical direction.